

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069148.D
 Acq On : 13 May 2021 10:53
 Operator : VA/SY
 Sample : VD0513SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 14 01:19:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	222961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	430821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	413473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	177338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141415	63.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.54%	
35) Dibromofluoromethane	7.914	113	149616	53.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.72%	
50) Toluene-d8	10.338	98	534949	51.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.86%	
62) 4-Bromofluorobenzene	12.632	95	159416	48.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.18%	

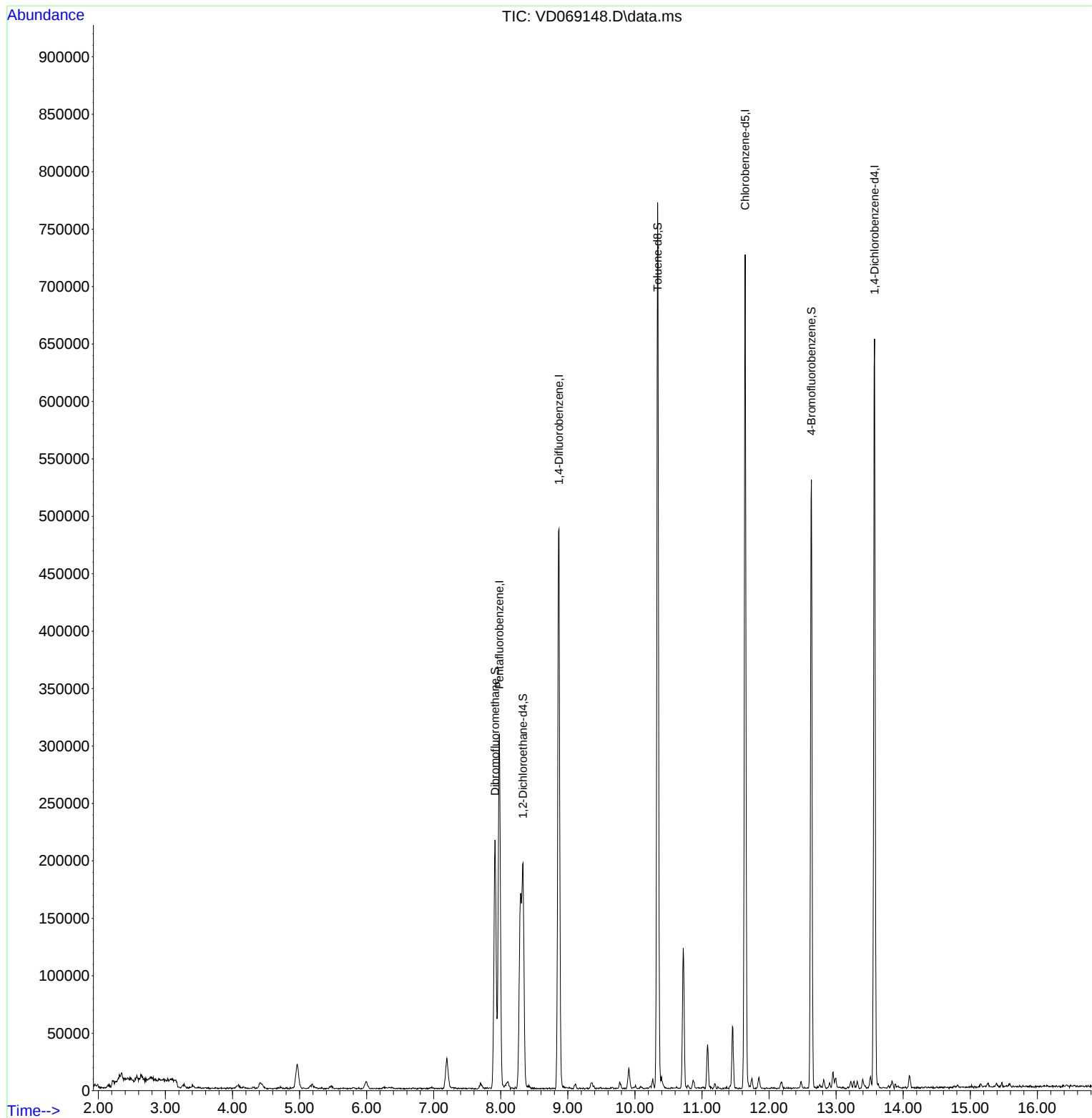
Target Compounds	Qvalue

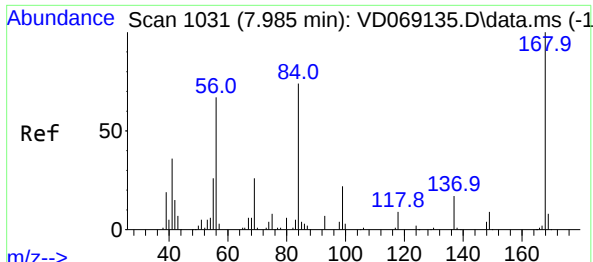
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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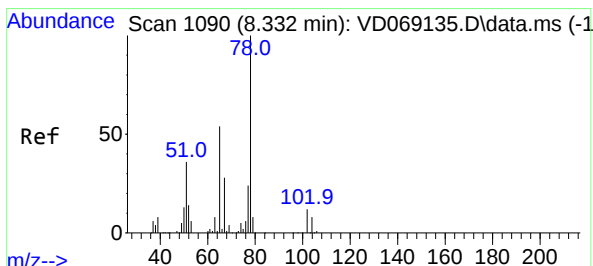
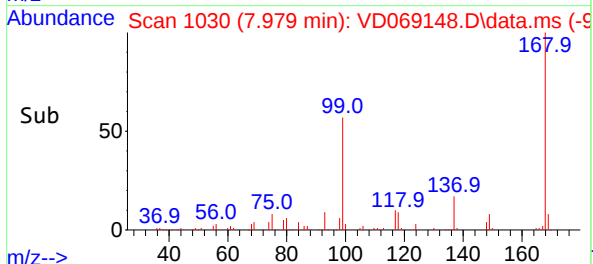
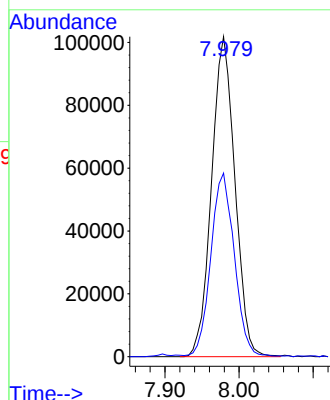
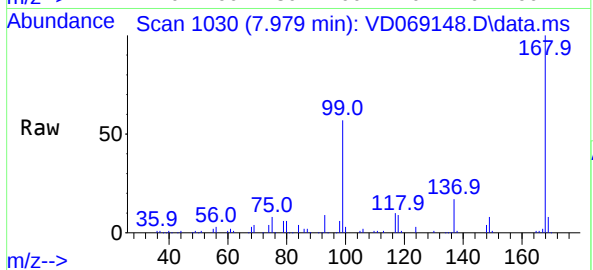




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

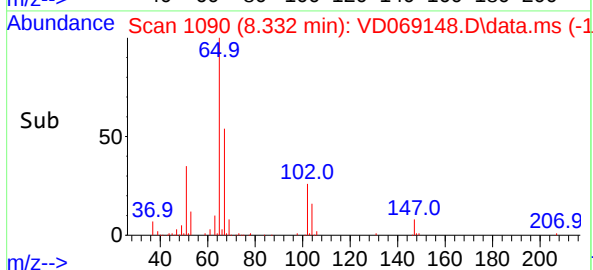
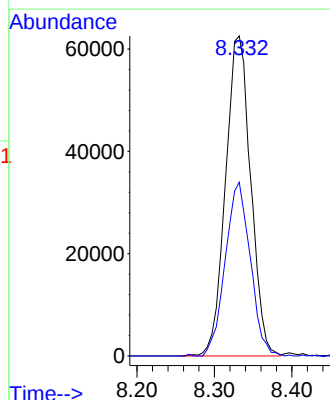
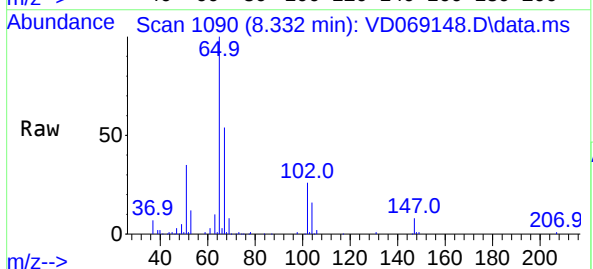
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

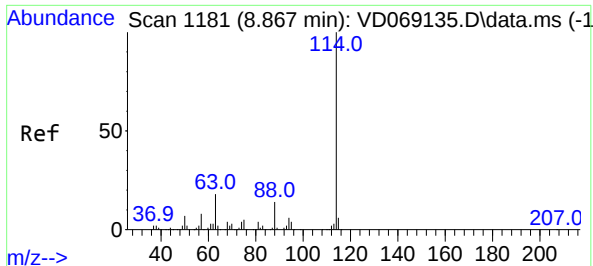
Tgt Ion:168 Resp: 222961
Ion Ratio Lower Upper
168 100
99 57.1 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 63.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 65 Resp: 141415
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.0



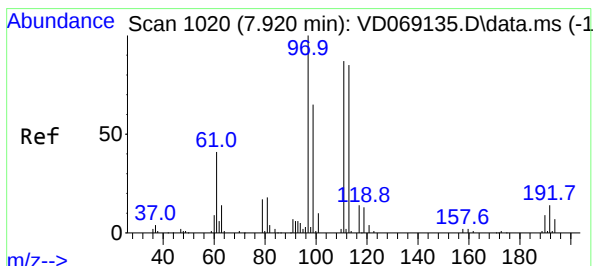
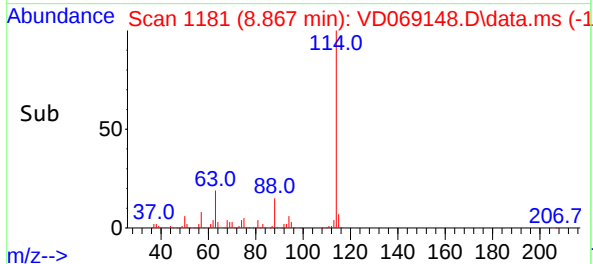
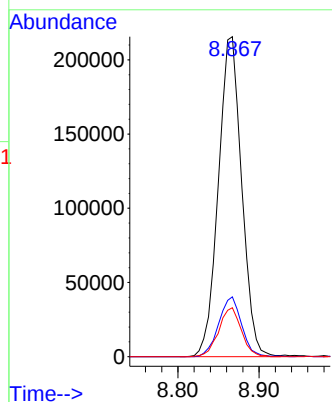
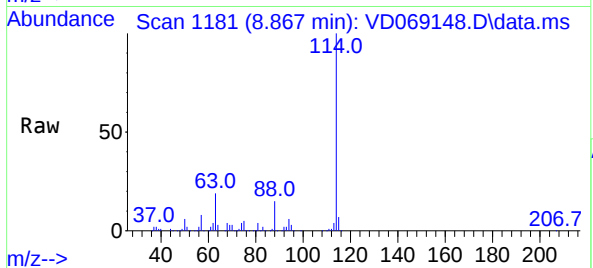


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Instrument :
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VD0513SBL01

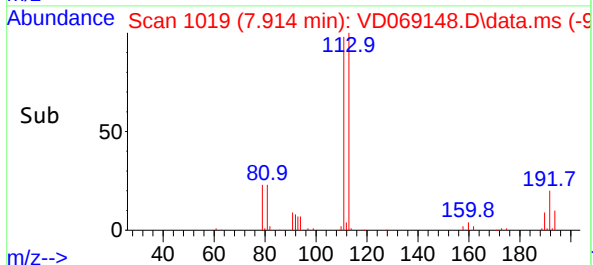
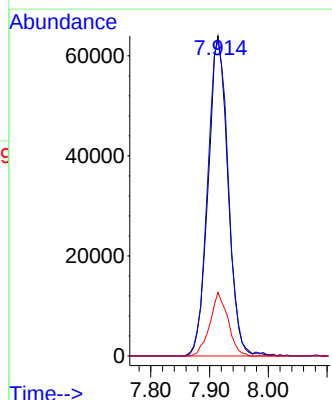
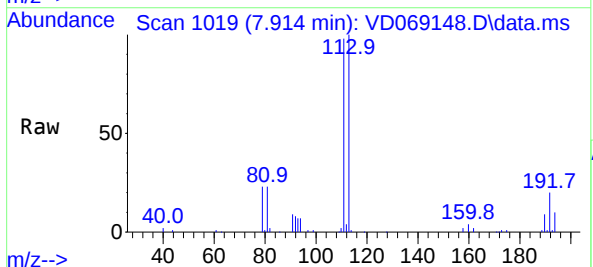
Tgt Ion:114 Resp: 430821
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.3 0.0 28.2

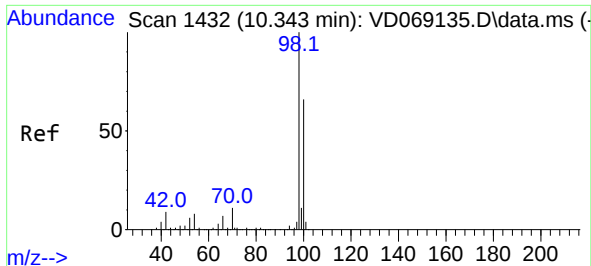


#35

Dibromofluoromethane
Concen: 53.36 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion:113 Resp: 149616
Ion Ratio Lower Upper
113 100
111 101.9 80.6 120.8
192 18.1 14.8 22.2

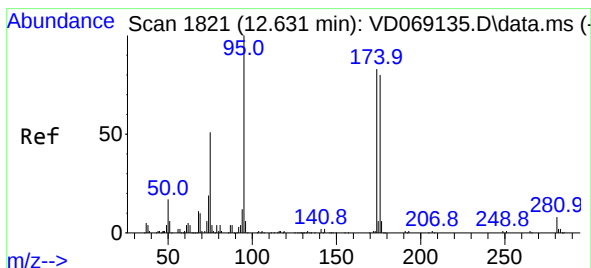
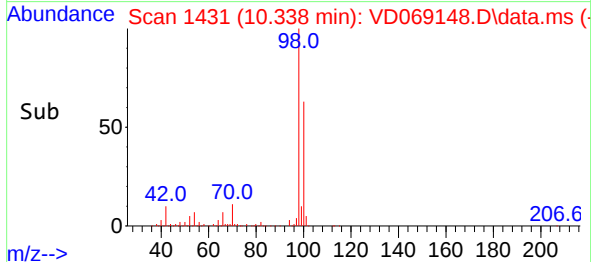
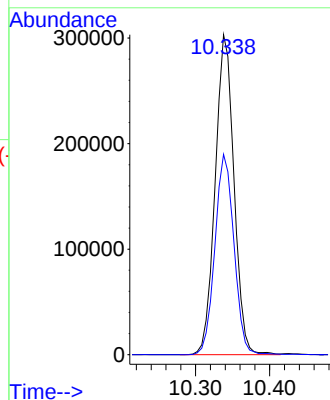
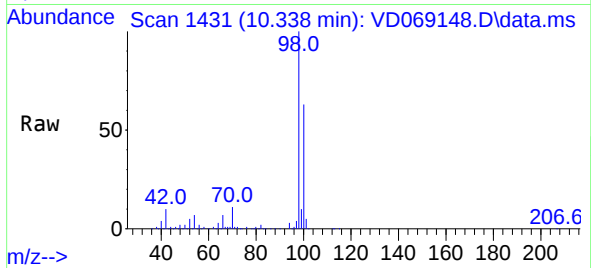




#50
Toluene-d8
Concen: 51.93 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

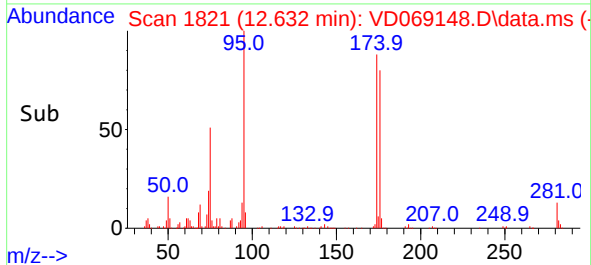
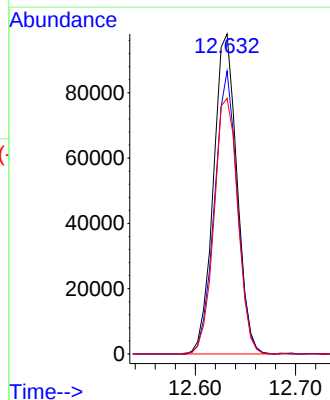
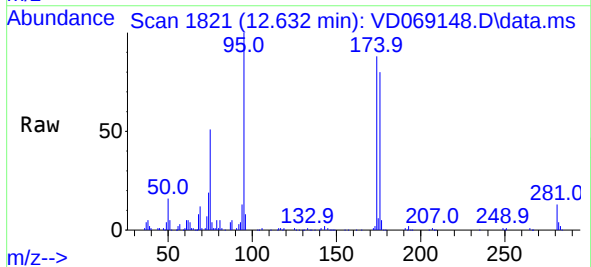
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

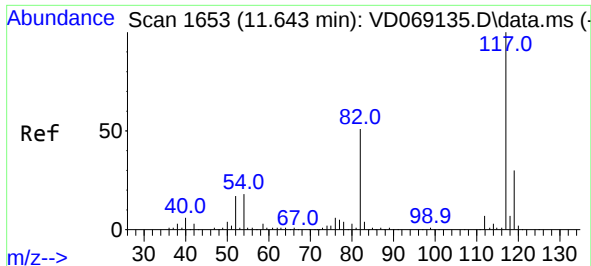
Tgt Ion: 98 Resp: 534949
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion: 95 Resp: 159416
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.8
176 81.0 0.0 165.4

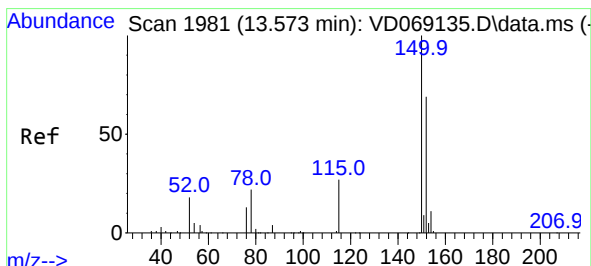
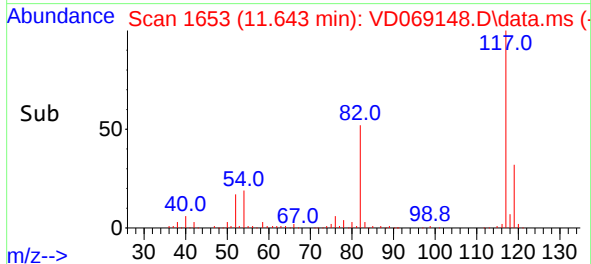
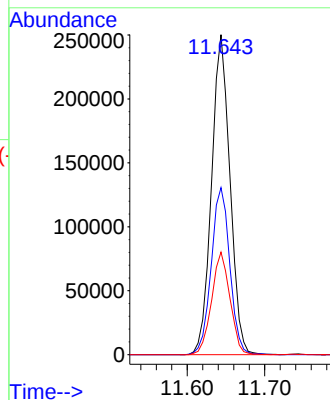
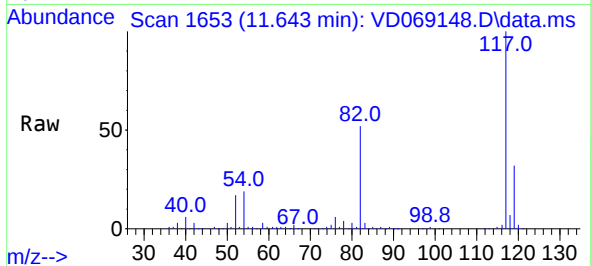




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tgt Ion:	117	Resp:	413473
Ion Ratio	Lower	Upper	
117	100		
82	52.2	40.5	60.7
119	32.0	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069148.D
Acq: 13 May 2021 10:53

Tgt Ion:	152	Resp:	177338
Ion Ratio	Lower	Upper	
152	100		
115	57.7	29.9	89.8
150	156.6	0.0	350.2

